



ELECTRONIC TUBE REFERENCE

E90Z

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Long-life ruggedized full-wave rectifier for reliable power-supply service. Rated for approximately 1.25 kV peak inverse voltage and 210 mA peak current, with construction intended for extended operating life.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1250 V
PEAK FORWARD CURRENT	210 mA

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1250 V
PEAK FORWARD CURRENT	210 mA
Second physical rectifier section; electrical properties populated from applicable published ratings.	

Long-life ruggedized full-wave rectifier.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Lorenz

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1955 LORENZ

Section 1 · Rectifier

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ruggedized construction	TRUE	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	1250 V	—
Maximum peak anode current	210 mA	—
Maximum reservoir capacitance	32 uF	—

1955 LORENZ

Section 2 · Rectifier

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ruggedized construction	TRUE	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	1250 V	—
Maximum peak anode current	210 mA	—
Maximum reservoir capacitance	32 uF	—